

In the Claims:

1. (currently amended) A medical active substance patch comprising a matrix of monolayer or multilayer configuration and a backing layer connected with said matrix, said backing layer having one side averted from the skin, wherein at least one layer of the matrix contains [[an]] a pharmaceutically active substance, and wherein at least one layer of the matrix contains an ingredient selected from the group consisting of at least one coloured ingredient, [[or]] and at least one colourless ingredient which is being colourless in an initial state and tending which has a tendency to discolour or [[which]] to discolour(s) during storage or to discolour during the application period, and wherein said at least one coloured ingredient and said at least one colourless ingredient are selected from the group consisting of a pharmaceutically active substance and an auxiliary agent; said active substance patch being [[is]] transparent or translucent; said active substance patch comprises at least one substance selected from the group consisting of dyes and pigments in at least one of said layers; in the state of having been applied to a first person's skin said patch, at a place of the skin covered with the patch, has a lightness colour value L_1 which is not less than 50% and not more than 200% of a lightness colour value L_2 , with L_2 being the lightness value of the region of the skin of the same person which surrounds the applied patch, and that the same applies in respect of the skin of a second or any other person, provided that L_2 is in the range from 5° to 100° .

2. (previously presented) The medical active substance patch according to claim 1, wherein the lightness colour value L_2 of the first person is the lightness colour value of a

person of light, Caucasian skin colour, and that the lightness colour value L_2 of the second person is the lightness colour value of a person of dark, Negroid skin colour, or vice versa.

3. (previously presented) The medical active substance patch according to claim 1, wherein said active substance patch contains said at least one substance selected from the group consisting of dyes and pigments in the matrix layer or in at least one of the matrix layers.

4. (previously presented) The medical active substance patch according to claim 1, further comprising a coating covering said backing layer on the side averted from the skin, said coating containing at least one substance selected from the group consisting of at least one dye and at least one pigment.

5. (withdrawn) The medical active substance patch according to claim 1, wherein said surface of the backing layer which is averted from the skin has reduced reflection properties.

6. (withdrawn) The medical active substance patch according to claim 5, wherein the reduction in reflection properties is accomplished by physical methods.

7. (withdrawn) The medical active substance patch according to claim 1, further comprising an antireflection layer applied on the side of the backing layer which is averted from the skin, wherein said antireflective layer contains at least one optical dulling agent.

8. (withdrawn) The medical active substance patch according to claim 7, wherein said antireflection layer further comprises at least one substance selected from the group

consisting of dyes and pigments.

9. (previously presented) The medical active substance patch according to claim 1, wherein said ingredient which is colourless in its initial state and which has a tendency to discolour or which discolour(s) during storage or during the application period is a pharmaceutical active substance.

10. (previously presented) The medical active substance patch according to claim 1, wherein said active substance patch is a transdermal therapeutic system.

11. (withdrawn) A process for the production of an active substance patch according to claim 1 comprising the following steps:

a) producing a system comprising a mono- or multilayer active substance-containing matrix and a backing layer connected with said matrix, wherein the matrix is produced using a matrix polymer or matrix polymers, an active substance or active substances and auxiliary agents, and wherein at least one of said matrix and said backing layer comprises at least one substance selected from the group consisting of dyes and pigments;

b) producing at least one further system according to step (a), this system being different in terms of the concentration of the dyes or/and pigments, and/or in terms of the type of the dyes or/and pigments used;

c) producing surface sections or punched pieces from the systems obtained in steps (a) and (b);

d) producing or providing colour charts having lightness colour values L_2 in the range from 5° to 100° ,

e) applying or affixing the sections or systems obtained in step (c) to the colour charts mentioned in step (d);

f) measuring the colour values of the lightness L_1 of the systems located on the colour charts and determining the difference between L_2 and L_1 in each particular case; and

g) selecting those systems with a colour value of the lightness L_1 which is not less than 50% and not more than 200% of the lightness colour value L_2 .

12. (previously presented) The medical active substance patch according to claim 1, wherein L_2 is in the range from 20° to 90°.

13. (previously presented) The medical active substance patch according to claim 4, wherein said coating is a lacquer.

14. (previously presented) The medical active substance patch according to claim 9, wherein said pharmaceutical active substance is nicotine.

15. (withdrawn) The process according to claim 11, wherein step (d) comprises producing or providing colour charts having lightness colour values L_2 in the range from 20° to 90°.

16. (new) The medical active substance patch according to claim 1, wherein a tristimulus colorimeter determines said lightness colour values L_1 and L_2 .

17. (new) The medical active substance patch according to claim 1, wherein said skin has chromatic values according to the “L, a, b” system, said chromatic values ranging from “5, 8, 60” to “100, 4, 0” in said “L, a, b” system.

18. (new) The medical active substance patch according to claim 1, wherein said patch is transparent.

19. (new) The medical active substance patch according to claim 1, wherein said at least one substance selected from the group consisting of dyes and pigments is incorporated in the backing layer, and wherein the backing layer is transparent.

20. (new) The medical active substance patch according to claim 1, wherein said patch is coloured due to the presence of said dye(s) or pigment(s).